

Kohji Kishio

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218
papers

6,018
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43
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228
ext. papers

6,263
ext. citations

1.9
avg, IF

4.95
L-index

#	Paper	IF	Citations
218	Logarithmic divergence of both in-plane and out-of-plane normal-state resistivities of superconducting $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ in the zero-temperature limit. <i>Physical Review Letters</i> , 1995 , 75, 4662-4665	7.4	381
217	Determination of Oxygen Nonstoichiometry in a High- T_c Superconductor $\text{Ba}_2\text{YCu}_3\text{O}_{7-\delta}$ [Japanese <i>Journal of Applied Physics</i> , 1987 , 26, L1228-L1230	1.4	378
216	Diffusion of oxide ion vacancies in perovskite-type oxides. <i>Journal of Solid State Chemistry</i> , 1988 , 73, 179-187	3.3	280
215	Superconductivity at 17 K in $(\text{Fe}_2\text{P}_2)(\text{Sr}_4\text{Sc}_2\text{O}_6)$: a new superconducting layered pnictide oxide with a thick perovskite oxide layer. <i>Superconductor Science and Technology</i> , 2009 , 22, 075008	3.1	204
214	Effects of B4C doping on critical current properties of MgB_2 superconductor. <i>Superconductor Science and Technology</i> , 2005 , 18, 1323-1328	3.1	158
213	Compositional dependence of transport anisotropy in large $(\text{La}, \text{Sr})_2\text{CuO}_4$ single crystals and second peak in magnetization curves. <i>Physica C: Superconductivity and Its Applications</i> , 1992 , 192, 247-252	1.3	156
212	Limiting factors of normal-state conductivity in superconducting MgB_2 : an application of mean-field theory for a site percolation problem. <i>Superconductor Science and Technology</i> , 2007 , 20, 658-666	3.1	133
211	Improved critical current properties observed in MgB_2 bulks synthesized by low-temperature solid-state reaction. <i>Superconductor Science and Technology</i> , 2005 , 18, 116-121	3.1	127
210	Single Crystal Growth of $\text{Bi}_2\text{Sr}_2\text{Ca}_{n-1}\text{Cu}_n\text{O}_y$ Superconductors by the Floating Zone Method. <i>Journal of the Ceramic Society of Japan</i> , 1989 , 97, 1009-1014		121
209	New High Temperature Superconducting Oxides. $(\text{La}_{1-x}\text{Sr}_x)_2\text{CuO}_4$ and $(\text{La}_{1-x}\text{Ca}_x)_2\text{CuO}_4$ [Chemistry Letters, 1987 , 16, 429-432	1.7	104
208	Observation of Nuclear Resonance of Cu in Antiferromagnetic La_2CuO_4 and CuO . <i>Journal of the Physical Society of Japan</i> , 1988 , 57, 2908-2911	1.5	103
207	Magnetic Field-Induced Martensitic Transformation and Giant Magnetostriction in Fe-Ni-Co-Ti and Ordered Fe_3Pt Shape Memory Alloys. <i>Materials Transactions, JIM</i> , 2000 , 41, 882-887		98
206	A new layered iron arsenide superconductor: $(\text{Ca}, \text{Pr})\text{FeAs}_2$. <i>Journal of the American Chemical Society</i> , 2014 , 136, 846-9	16.4	92
205	Magnetic field-induced strain in iron-based ferromagnetic shape memory alloys. <i>Journal of Applied Physics</i> , 2003 , 93, 8647-8649	2.5	90
204	Thermoelectric properties of highly grain-aligned and densified Co-based oxide ceramics. <i>Journal of Applied Physics</i> , 2003 , 93, 2653-2658	2.5	83
203	High T_c Superconductivity in Screen Printed Yb-Ba-Cu-O Films. <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L761-L762	1.4	78
202	Levitation of metallic melt by using the simultaneous imposition of the alternating and the static magnetic fields. <i>Journal of Crystal Growth</i> , 2004 , 260, 475-485	1.6	76

201	Permanent magnet with MgB2 bulk superconductor. <i>Applied Physics Letters</i> , 2014 , 105, 032601	3.4	73
200	Electric and Magnetic Properties of La2CuO4. <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L445-L446	1.4	72
199	Homologous series of iron pnictide oxide superconductors (Fe2As2)[Can+1(Sc,Ti)nOy] (n=3,4,5) with extremely thick blocking layers. <i>Applied Physics Letters</i> , 2010 , 97, 072506	3.4	71
198	New iron-based arsenide oxides (Fe2As2)(Sr4M2O6)(M = Sc, Cr). <i>Superconductor Science and Technology</i> , 2009 , 22, 085001	3.1	69
197	NQR and NMR of 139La in Antiferromagnetic La2CuO4. <i>Journal of the Physical Society of Japan</i> , 1987 , 56, 4559-4570	1.5	69
196	Effect of Magnetic Field on Solidification in Cu-Pb Monotectic Alloys. <i>ISIJ International</i> , 2003 , 43, 942-949.	1.7	68
195	Synthesis of high Jc MgB2 bulks with high reproducibility by a modified powder-in-tube method. <i>Superconductor Science and Technology</i> , 2004 , 17, 921-925	3.1	68
194	Essential factors for the critical current density in superconducting MgB2: connectivity and flux pinning by grain boundaries. <i>Superconductor Science and Technology</i> , 2008 , 21, 015008	3.1	66
193	Thermoelectric Performance of Magnetically c-Axis Aligned Ca-based Cobaltites. <i>Japanese Journal of Applied Physics</i> , 2003 , 42, 7018-7022	1.4	59
192	New Candidates for Superconductors; A Series of Layered Oxysulfides (Cu2S2)(Sr n+1 M n O3n). <i>Journal of Low Temperature Physics</i> , 1999 , 117, 729-733	1.3	58
191	A new homologous series of iron pnictide oxide superconductors (Fe2As2)(Can+ 2(Al, Ti)nOy) (n= 2, 3, 4). <i>Superconductor Science and Technology</i> , 2010 , 23, 115005	3.1	56
190	Superconductivity Above 40 K Observed in a New Iron Arsenide Oxide (Fe2As2)(Ca4(Mg,Ti)3Oy). <i>Applied Physics Express</i> , 2010 , 3, 063103	2.4	56
189	High critical current properties of MgB2 bulks prepared by a diffusion method. <i>Applied Physics Letters</i> , 2005 , 86, 222502	3.4	56
188	Growth and optical properties of Lu3(Ga,Al)5O12 single crystals for scintillator application. <i>Journal of Crystal Growth</i> , 2009 , 311, 908-911	1.6	54
187	Superconductivity at 95 K in the New Yb-Ba-Cu Oxide System. <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L339-L341	1.4	54
186	Enhanced flux pinning properties of YBa2Cu3Oy by dilute impurity doping for CuO chain. <i>Applied Physics Letters</i> , 2006 , 89, 202514	3.4	53
185	High Tc Yb-Ba-Cu-O Thin Films Deposited on Sintered YSZ Substrates by Sputtering. <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L738-L740	1.4	53
184	Oxygen Nonstoichiometry in Layered Cobaltite Ca3Co4Oy. <i>Japanese Journal of Applied Physics</i> , 2003 , 42, L194-L197	1.4	49

183	Rearrangement of Martensite Variants in Iron-Based Ferromagnetic Shape Memory Alloys under Magnetic Field. <i>Materials Transactions</i> , 2004 , 45, 188-192	1.3	49
182	High-Tc Superconductivity and Diamagnetism of Y-Ba-Cu Oxides. <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L320-L321	1.4	48
181	Superconductivity in a new iron pnictide oxide (Fe ₂ As ₂)(Sr ₄ (Mg, Ti) ₂ O ₆). <i>Superconductor Science and Technology</i> , 2010 , 23, 045001	3.1	46
180	Crossover from the first-order vortex phase transition to the peak effect in Bi ₂ Sr ₂ CaCu ₂ O _y having different oxygen contents. <i>Physica C: Superconductivity and Its Applications</i> , 1996 , 256, 111-118	1.3	44
179	High Tc Superconductivity of (La _{1-x} Sr _x) ₂ CuO ₄ -Effect of Substitution of Foreign Ions for Cu and La on Superconductivity. <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L337-L338	1.4	44
178	Tri-axial Grain Orientation of Y ₂ Ba ₄ Cu ₇ O _y Achieved by the Magneto-science Method. <i>Applied Physics Express</i> , 1 , 111701	2.4	44
177	New Iron Arsenide Oxides (Fe ₂ As ₂)(Sr ₄ (Sc, Ti) ₃ O ₈), (Fe ₂ As ₂)(Ba ₄ Sc ₃ O _{7.5}), and (Fe ₂ As ₂)(Ba ₃ Sc ₂ O ₅). <i>Applied Physics Express</i> , 2010 , 3, 063102	2.4	43
176	Alignment of BiMn Crystal Orientation in Bi-20 at%Mn alloys by Laser Melting under a Magnetic Field. <i>Materials Transactions</i> , 2003 , 44, 2550-2554	1.3	43
175	High Pressure Study and the Critical Current of High Tc Superconductor (La _{0.9} Sr _{0.1}) ₂ CuO _{4-y} . <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L603-L605	1.4	42
174	Contrasting Pressure Effects in Sr ₂ VFeAsO ₃ and Sr ₂ ScFePO ₃ . <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 123707	1.5	40
173	Synthesis and Thermoelectric Properties of Magnetically c-Axis-Oriented [Ca ₂ CoO ₃ - δ] _{0.62} CoO ₂ Bulk with Various Oxygen Contents. <i>Japanese Journal of Applied Physics</i> , 2003 , 42, L198-L200	1.4	39
172	Strongly connected <i>ex situ</i> MgB ₂ polycrystalline bulks fabricated by solid-state self-sintering. <i>Superconductor Science and Technology</i> , 2012 , 25, 115022	3.1	37
171	Specific Heat and Superconductivity of (La _{0.925} Sr _{0.075}) ₂ CuO ₄ . <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L751-L753	1.4	37
170	Rearrangement of variants in Ni ₂ MnGa under magnetic field. <i>Science and Technology of Advanced Materials</i> , 2004 , 5, 29-34	7.1	36
169	Magnetic studies on the field-driven transition from decoupled to coupled pancake vortex phase in Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} with columnar defects. <i>Physical Review B</i> , 1998 , 57, 14507-14510	3.3	35
168	Superconducting Properties of (La _{1-x} Sr _x) ₂ CuO ₄ . <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L443-L444	1.4	35
167	High-performance dense MgB ₂ superconducting wire fabricated from mechanically milled powder. <i>Superconductor Science and Technology</i> , 2017 , 30, 044006	3.1	34
166	Generic Guiding Law Between Irreversibility Field and Anisotropy: Chemical Control of Critical Current of High Temperature Superconductors. <i>Journal of Low Temperature Physics</i> , 2003 , 131, 1043-1052	1.3	34

165	Study on vacancy motion in Y ₂ O ₃ -doped CeO ₂ by 17O NMR technique. <i>Journal of Physics and Chemistry of Solids</i> , 1985 , 46, 1141-1146	3.9	34
164	Synthesis and physical properties of Ca _{1-x} RE _x FeAs ₂ with RE = La, Ce. <i>Applied Physics Express</i> , 2014 , 7, 073102	2.4	33
163	Magnetic orientation and magnetic anisotropy in paramagnetic layered oxides containing rare-earth ions. <i>Science and Technology of Advanced Materials</i> , 2009 , 10, 014604	7.1	33
162	Thermodynamic Estimation of Oxidation Ability of Various Gases Used for the Preparation of Superconducting Films at High Vacuum. <i>Japanese Journal of Applied Physics</i> , 1991 , 30, 1685-1686	1.4	32
161	Specific Heat and Superconductivity in (La _{1-x} Ca _x) ₂ CuO ₄ . <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L342-L344	1.4	32
160	Pressure Effect on the Lattice Constant and Compressibility of a Superconductor (La _{0.9} Sr _{0.1}) ₂ CuO _{4-y} . <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L504-L505	1.4	32
159	Enhanced critical current properties observed in Na ₂ CO ₃ -doped MgB ₂ . <i>Superconductor Science and Technology</i> , 2004 , 17, 926-930	3.1	31
158	¹⁷ O NMR study of Y ₂ O ₃ -doped CeO ₂ . <i>Journal of Physics and Chemistry of Solids</i> , 1984 , 45, 1253-1257	3.9	30
157	Fabrication of multilayered oxide thermoelectric modules by electrophoretic deposition under high magnetic fields. <i>Applied Physics Letters</i> , 2006 , 89, 081912	3.4	29
156	Formation of Crystallographically Aligned BiMn Grains by Semi-solid Processing of Rapidly Solidified Bi-Mn Alloys under a Magnetic Field. <i>Materials Transactions</i> , 2003 , 44, 2207-2212	1.3	28
155	Fabrication of porous aluminum with deep pores by using Al ₂ Th monotectic solidification and electrochemical etching. <i>Materials Letters</i> , 2004 , 58, 911-915	3.3	28
154	Magnetic Susceptibility of High-T _c Superconducting Oxides (La, A) ₂ CuO ₄ (A = Ba, Sr). <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L434-L436	1.4	28
153	Bulk Superconductivity of Y-Ba-Cu-O and Er-Ba-Cu-O. <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L601-L602	1.4	28
152	Ba-Y-Cu-O Thin Films Fabricated by Dip Coating Using Concentrated Mixed Alkoxide Solution. <i>Japanese Journal of Applied Physics</i> , 1988 , 27, L867-L869	1.4	28
151	RF Power Dependence of AC Josephson Current in Point-Contacts of BaY(Tm)CuO Ceramics. <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L671-L672	1.4	27
150	Reactivity of carbides in synthesis of MgB ₂ bulks. <i>Physica C: Superconductivity and Its Applications</i> , 2006 , 445-448, 801-805	1.3	24
149	Thermally induced dimensional crossover in single-crystal Bi ₂ Sr ₂ CaCu ₂ O _x . <i>Physical Review B</i> , 1995 , 52, 3765-3768	3.3	24
148	Enhanced trapped field in MgB ₂ bulk magnets by tuning grain boundary pinning through milling. <i>Superconductor Science and Technology</i> , 2015 , 28, 055016	3.1	23

- 147 Giant magnetic field-induced strain due to rearrangement of variants in an ordered Fe₃Pt. *Science and Technology of Advanced Materials*, **2004**, 5, 35-40 7.1 23
- 146 Electronic State and Glow Discharge Decomposition of Tetramethyldisilane. *Japanese Journal of Applied Physics*, **1986**, 25, 1811-1814 1.4 23
- 145 Synthesis and Superconducting Properties of Layered Ruthenocuprates. *Journal of Low Temperature Physics*, **1999**, 117, 855-859 1.3 22
- 144 Rare-Earth-Dependent Magnetic Anisotropy in REBa₂Cu₃O_y. *Applied Physics Express*, **2008**, 1, 031701 2.4 21
- 143 Enhancement of Critical Current Density in ErBa₂Cu₃O_y Thin Films by Post-Annealing. *Japanese Journal of Applied Physics*, **2004**, 43, L1223-L1225 1.4 21
- 142 Josephson coupling in the vortex-liquid state of Bi₂Sr₂CaCu₂O_{8+ δ} with columnar defects. *Physical Review B*, **1999**, 59, 8970-8977 3.3 21
- 141 Co and Mn doping effect in polycrystalline (Ca,La) and (Ca,Pr)FeAs₂ superconductors. *Superconductor Science and Technology*, **2015**, 28, 065001 3.1 20
- 140 High-T_c Superconductivity of La-Ba(Sr)-Cu Oxides. IV -Critical Magnetic Fields. *Japanese Journal of Applied Physics*, **1987**, 26, L196-L197 1.4 20
- 139 Proton NMR in Degraded Powder of YBa₂Cu₃O_{7- δ} . *Japanese Journal of Applied Physics*, **1988**, 27, 1652-1657 2.4 20
- 138 Nonlinear Meissner Effect in Double Layered High-T_c Cuprates Investigated by Measurement of the Penetration Depth. *Journal of the Physical Society of Japan*, **1996**, 65, 3638-3645 1.5 19
- 137 Effects of sintering conditions on critical current properties and microstructures of MgB₂ bulks. *Physica C: Superconductivity and Its Applications*, **2005**, 426-431, 1220-1224 1.3 19
- 136 Effect of Lanthanide Ion Substitutions for Lanthanum Sites on Superconductivity of (La_{1-x}Sr_x)₂CuO₄. *Japanese Journal of Applied Physics*, **1987**, 26, L391-L393 1.4 19
- 135 Flux pinning properties of impurity doped MgB₂ bulks synthesized by diffusion method. *Physica C: Superconductivity and Its Applications*, **2005**, 426-431, 1225-1230 1.3 18
- 134 High T_c Superconductivity in Tm-Ba-Cu-O System. *Japanese Journal of Applied Physics*, **1987**, 26, L613-L614 1.4 16
- 133 Effect of Residual Water on Superconductivity in (La_{1-x}Sr_x)₂CuO₄. *Japanese Journal of Applied Physics*, **1987**, 26, L466-L467 1.4 16
- 132 New Series of Nickel-Based Pnictide Oxide Superconductors (Ni₂Pn₂)(Sr₄Sc₂O₆) (Pn= P, As). *Applied Physics Express*, **2009**, 2, 063007 2.4 15
- 131 Improved critical current properties of MgB₂ bulks by controlling microstructures. *Journal of Physics: Conference Series*, **2006**, 43, 119-122 0.3 15
- 130 Enhanced flux pinning properties of Bi(Pb)₂212 single crystals. *Physica C: Superconductivity and Its Applications*, **2004**, 408-410, 40-41 1.3 15

129	Phase Transition Study of C70 Crystal at around 340 K by Single-Crystal X-Ray Diffraction. <i>Japanese Journal of Applied Physics</i> , 1994 , 33, 6281-6285	1.4	15
128	Enhancement on Jc of Bi2Sr2CaCu2Oy by electron irradiation. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 185-189, 2383-2384	1.3	15
127	Towards the Realization of Higher Connectivity in MgB2 Conductors: In-situ or Sintered Ex-situ?. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 010105	1.4	15
126	Topotactic synthesis of a new BiS2-based superconductor Bi2(O,F)S2. <i>Applied Physics Express</i> , 2015 , 8, 023102	2.4	14
125	Condensation energy density in Bi-2212 superconductors. <i>Superconductor Science and Technology</i> , 2006 , 19, 200-205	3.1	14
124	Resistivity Anomaly Near Room Temperature of Y-Ba-Cu-O and Related Oxides as Created by the Surface Effect of Water. <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L1979-L1981	1.4	14
123	3-Dimensional Grain Orientation of RE-Ba-Cu-O Superconductors Using a Modulated Oval Magnetic Field. <i>IEEE Transactions on Applied Superconductivity</i> , 2009 , 19, 2961-2964	1.8	13
122	Development of Thermoelectric Bi-Based Cobaltites with an Easy Axis of Magnetization Parallel to the C-Axis for Magnetic Alignment. <i>Japanese Journal of Applied Physics</i> , 2005 , 44, L1263-L1266	1.4	13
121	Self-sintering-assisted high intergranular connectivity in ball-milled ex situ MgB2 bulks. <i>Superconductor Science and Technology</i> , 2014 , 27, 114001	3.1	12
120	Suppression of defect related host luminescence in LuAG single crystals. <i>Physics Procedia</i> , 2009 , 2, 191-205		12
119	Formation of Crystallographically Aligned Grains during Coarsening in a Magnetic Field. <i>Materials Transactions</i> , 2003 , 44, 2555-2562	1.3	12
118	Direct Evidence of the Anisotropic Structure of Vortices Interacting with Columnar Defects in High-Temperature Superconductors through the Analysis of Lorentz Images. <i>Journal of the Physical Society of Japan</i> , 2002 , 71, 1840-1843	1.5	12
117	Martensitic Transformation in Shape Memory Alloys under Magnetic Field and Hydrostatic Pressure. <i>Materials Transactions</i> , 2002 , 43, 887-892	1.3	12
116	Electron Tunneling Measurements of High-Tc Superconductor Bi-Sr-Ca-Cu-O by STM. <i>Japanese Journal of Applied Physics</i> , 1989 , 28, L179-L182	1.4	12
115	Superconductivity Achieved at Over Liquid Nitrogen Temperature by (Mixed Rare Earths)-Ba-Cu Oxides. <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L694-L696	1.4	12
114	Anomalous Temperature Dependence of ¹³⁹ La Nuclear Spin-Lattice Relaxation in La ₂ CuO ₄ - δ and (La _{0.9} Ca _{0.1}) ₂ CuO ₄ - δ . <i>Journal of the Physical Society of Japan</i> , 1988 , 57, 1151-1154	1.5	12
113	Microstructures and improved Jc characteristics of Cl-containing YBCO thin films prepared by the fluorine-free MOD method. <i>Superconductor Science and Technology</i> , 2016 , 29, 015006	3.1	11
112	Microstructural connectivity in sintered ex-situ MgB2 bulk superconductors. <i>Journal of Alloys and Compounds</i> , 2016 , 656, 172-180	5.7	11

111	A new iron pnictide oxide (Fe ₂ As ₂)(Ca ₅ (Mg, Ti) ₄ O _y) and a new phase in the FeAsCaMgTiO system. <i>Superconductor Science and Technology</i> , 2011 , 24, 085020	3.1	11
110	Chemical (Sr,Co)-doping effect on critical current density for Dy123 melt-solidified bulks. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2008 , 151, 69-73	3.1	11
109	Chemical Aspects of High-Temperature Superconducting Oxides. <i>ACS Symposium Series</i> , 1987 , 38-48	0.4	11
108	The formation of defects and their influence on inter- and intra-granular current in sintered polycrystalline 122 phase Fe-based superconductors. <i>Superconductor Science and Technology</i> , 2019 , 32, 084003	3.1	10
107	Dramatic effects of chlorine doping on J _c and microstructure of fluorine-free MOD Y123 thin films. <i>Superconductor Science and Technology</i> , 2014 , 27, 095017	3.1	10
106	Significant enhancement of the intergrain coupling in lightly F-doped SmFeAsO superconductors. <i>Superconductor Science and Technology</i> , 2013 , 26, 065006	3.1	10
105	Magnetic properties of Bi2212 single crystals with Bi:Sr:Ca:Cu = 2:2:1:2. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 772-773	1.3	10
104	Influence of Magnetic Field Direction on Rearrangement of Martensite Variants in an Fe-Pd Alloy. <i>Materials Transactions</i> , 2003 , 44, 2495-2498	1.3	10
103	The second peak effect observed in Sr-overdoped (La _{1-x} Sr _x) ₂ CuO _{4-x} single crystals with various oxygen deficiencies. <i>Physica C: Superconductivity and Its Applications</i> , 1996 , 271, 265-271	1.3	10
102	The universal scaling of flux lattice melting line of Bi2212 under H c. <i>Physica C: Superconductivity and Its Applications</i> , 1997 , 282-287, 2055-2056	1.3	9
101	Dramatically Enhanced Flux Pinning Properties of Cation Composition Controlled Bi(Pb)2212 Single Crystals. <i>Journal of Physics: Conference Series</i> , 2006 , 43, 231-234	0.3	9
100	¹⁷⁰ NMR relaxation study of Bi ₂ O ₃ . <i>Solid State Communications</i> , 1985 , 53, 83-85	1.6	9
99	Study of the Upper Critical Field H _{c2} for High-T _c Superconductors in Pulsed High Magnetic Fields. <i>Japanese Journal of Applied Physics</i> , 1987 , 26, 1187	1.4	9
98	Enhancement of intergranular current density of Sm-based oxypnictide superconductors with Sn addition. <i>Superconductor Science and Technology</i> , 2014 , 27, 085010	3.1	8
97	Tri-axial magnetic anisotropies in RE ₂ Ba ₄ Cu ₇ O ₁₅ superconductors. <i>Journal of Applied Physics</i> , 2014 , 115, 113908	2.5	8
96	Understanding routes for high connectivity in situ MgB ₂ by self-sintering. <i>Superconductor Science and Technology</i> , 2014 , 27, 044012	3.1	8
95	Pressure Dependence of Superconducting Transition Temperature on Perovskite-Type Fe-Based Superconductors and NMR Study of Sr ₂ VFeAsO ₃ . <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 014715	1.5	8
94	Towards the Realization of Higher Connectivity in MgB ₂ Conductors: In-situ or Sintered Ex-situ?. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 010105	1.4	8

93	Suppression of Host Luminescence in the Pr:LuAG Scintillator. <i>IEEE Transactions on Nuclear Science</i> , 2008 , 55, 1197-1200	1.7	8
92	Flux pinning properties of undoped and C-doped MgB ₂ bulks with controlled grain sizes. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 572-573	1.3	8
91	RF field penetration into a Bi ₂ Sr ₂ CaCu ₂ O ₈ single crystal in the mixed state. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 235-240, 1991-1992	1.3	8
90	High-Resolution Transmission Electron Microscopy of Commensurate Modulation in Bi ₂ Sr ₂ CoO _y . <i>Japanese Journal of Applied Physics</i> , 1989 , 28, L1991-L1994	1.4	8
89	Anomalies in the Pulsed Photoconductivity of Undoped C ₆₀ and Their Relationship to Phase Transitions. <i>Journal of the Physical Society of Japan</i> , 1995 , 64, 527-532	1.5	8
88	Synthesis of Bi ₂ 223 by Low P_{O_2} Sintering. <i>IEEE Transactions on Applied Superconductivity</i> , 2013 , 23, 6400604-6400604	1.8	7
87	Synthesis of High Purity Bi(Pb) ₂ 223 Tapes With High T_c Above 115 K. <i>IEEE Transactions on Applied Superconductivity</i> , 2011 , 21, 2812-2815	1.8	7
86	Excitonic luminescence in two-dimensionally confined layered sulfide oxides. <i>Applied Physics Letters</i> , 2012 , 101, 191901	3.4	7
85	Improvement of thermoelectric performance in magnetically c-axis-oriented bismuth-based cobaltites. <i>Scripta Materialia</i> , 2007 , 57, 333-336	5.6	7
84	High-Resolution Transmission Electron Microscopy of Superconducting and Non-Superconducting Phases in a Bi-Sr-Cu-O System. <i>Materials Transactions, JIM</i> , 1990 , 31, 595-601		7
83	Effect of Heat Treatment on the Low-Temperature NQR Spectrum of ¹³⁹ La in Single Crystals and Polycrystals of the Antiferromagnetic La ₂ CuO ₄ . <i>Journal of the Physical Society of Japan</i> , 1988 , 57, 1159-1162	1.5	7
82	Electromagnetic properties and microstructures of in situ MgB ₂ wires made from three types of boron powders. <i>Superconductor Science and Technology</i> , 2016 , 29, 105016	3.1	7
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